

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A computer manufacturing system comprising:

a first server storing a plurality of boot images, each boot image corresponding to a different operating system;

a system under test (SUT), the SUT including a network adapter and a boot loader, the boot loader to load a first boot image of the plurality of boot images onto the system under test (SUT) during a first part of a manufacturing process of the system under test (SUT), the boot loader to further load a second boot image of the plurality of boot images onto the system under test (SUT) during a second part of the manufacturing process of the system under test (SUT), for loading the appropriate operating system; and

wherein the first boot image corresponds to a first operating system and the second boot image corresponds to a second operating system that is different from the first operating system, and wherein the first boot image and the second boot image are received by the system under test (SUT) through the network adapter.

~~a station for receiving customer orders for the SUT, the station including a sequencer, the sequencer obtains a boot selection file for the SUT from a directory, the SUT retrieves and parses the boot selection file to obtain the operating system image to load and boot until the SUT is configured with the appropriate date.~~

2. (Currently Amended) The computer manufacturing system of claim 1, wherein:

the first server assigns a MAC address to the network adapter during the manufacturing

process of the system under test (SUT); and

the boot loader uses the MAC address assigned to the network adapter to determine a given boot image of the plurality of boot images to load onto the system under test (SUT) from the first server. SUT includes the communication software for communicating with the sequencer; captures the address of the network adapter; uses the address to look up the directory of the boot selection file; retrieves the boot selection file from the directory; and bootstraps the operating system based upon the boot selection file.

3. (Currently Amended) The computer manufacturing system of claim 1, wherein the system under test (SUT) consists of ~~SUT comprises~~ a single processing system.

4. (Currently Amended) The computer manufacturing system of claim 1 wherein the system under test (SUT) ~~SUT~~ comprises a server dense architecture including a plurality of processing systems.

5. (Currently Amended) The computer manufacturing system of claim 1, wherein the boot loader comprises preboot code within the system under test (SUT) ~~SUT~~.

6. (Cancelled)

7. (Currently Amended) A method for allowing a system under test (SUT) to boot a plurality of operating systems during a manufacturing process of the system under test (SUT) without a need for local media, the method comprising ~~the steps of:~~

storing a plurality of boot images on a first server, each boot image corresponding to a different operating system;

~~(a) providing a network adapter in the SUT;~~ loading a first boot image of the plurality of boot images onto the system under test (SUT) during a first part of a manufacturing process of the system under test (SUT), and loading a second boot image of the plurality of boot images onto the system under test (SUT) during a second part of the manufacturing process of the system under test (SUT),

wherein the first boot image corresponds to a first operating system and the second boot image corresponds to a second operating system that is different from the first operating system, and wherein the first boot image and the second boot image are received by the system under test (SUT) from the first server through a network adapter of the system under test (SUT).

~~(b) obtaining a boot selection station file by a sequencer within a station for the SUT, the boot selection file being stored in a manufacturing server; and~~

~~(c) retrieving the best selection file via the network adapter and parsing the boot selection file via a network adapter to obtain the operating system image to load and boot until the SUT is configured with the appropriate data.~~

8. (Currently Amended) The method of claim 7, further comprising:

assigning a MAC address to the network adapter of the system under test (SUT) during the manufacturing process of the system under test (SUT),

wherein loading a first boot image includes using the MAC address assigned to the network adapter to determine a given boot image of the plurality of boot images to load onto the system under test (SUT) from the first server, wherein the SUT includes the communication software; captures the address of the network adapter; uses the address to look up the directory of

~~the boot selection file; retrieves the boot selection file from the directory; and bootstraps the operating system based upon the boot selection file.~~

9. (Currently Amended) The method of claim 7, wherein the system under test (SUT) consists of SUT ~~comprises~~ a single processing system.

10. (Currently Amended) The method of claim 7, wherein the system under test (SUT) SUT comprises a server dense architecture including a plurality of processing systems.

11. (Cancelled)

12. (Currently Amended) A computer readable medium containing program instructions, tangibly stored thereon, for allowing a system under test (SUT) to boot a plurality of operating systems without a need for local media; the computer readable medium containing program instructions for:

storing a plurality of boot images on a first server, each boot image corresponding to a different operating system;

~~(a) providing a network adapter in the SUT;~~ loading a first boot image of the plurality of boot images onto the system under test (SUT) during a first part of a manufacturing process of the system under test (SUT), and loading a second boot image of the plurality of boot images onto the system under test (SUT) during a second part of the manufacturing process of the system under test (SUT),

wherein the first boot image corresponds to a first operating system and the second boot image corresponds to a second operating system that is different from the first operating system,

and wherein the first boot image and the second boot image are received by the system under test (SUT) from the first server through a network adapter of the system under test (SUT).

~~(b) obtaining a boot selection station file by a sequencer within a station for the SUT, the boot selection file being stored in a manufacturing server; and~~

~~(c) retrieving the best selection file via the network adapter and parsing the boot selection file via a network adapter to obtain the operating system image to load and boot until the SUT is configured with the appropriate data.~~

13. (Currently Amended) The computer readable medium of claim 7 12, further comprising program instructions for:

assigning a MAC address to the network adapter of the system under test (SUT) during the manufacturing process of the system under test (SUT),

wherein loading a first boot image includes using the MAC address assigned to the network adapter to determine a given boot image of the plurality of boot images to load onto the system under test (SUT) from the first server. ~~wherein the SUT includes the communication software; captures the address of the network adapter; uses the address to look up the directory of the boot selection file; retrieves the boot selection file from the directory; and bootstraps the operating system based upon the boot selection file.~~

14. (Currently Amended) The computer readable medium of claim 7 12, wherein the system under test (SUT) consists of ~~SUT comprises~~ a single processing system.

15. (Currently Amended) The computer readable medium of claim 7 12, wherein the system under test (SUT) ~~SUT~~ comprises a server dense architecture including a plurality of processing systems.

16. (Cancelled)

17. (New) The method of claim 7, wherein loading a second boot image includes rebooting the system under test (SUT) prior to activation of the second boot image.

18. (New) The computer readable medium of claim 12, wherein the program instructions for loading a second boot image include program instructions for the system under test (SUT) prior to activation of the second boot image.